

Application No.: 10/810,400
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Amendments to Claims

1-40. (Cancelled).

41. (Currently amended) A cathode comprising (1) ~~a liquid alkali metal;~~ (2) a liquid alloy of two or more metals selected from the group consisting of bismuth, lead, tin, antimony, indium, gallium, thallium, and cadmium; or ~~(3)~~ (2) an electrically conductive liquid solvated alkali metal.

42. (Cancelled).

43. (Cancelled).

44. (Previously presented) A cathode according to claim 41 comprising said liquid alloy.

45. (Previously presented) A cathode according to claim 41 comprising said electrically conductive liquid solvated alkali metal.

46. (Previously presented) A cathode according to claim 45 further comprising an organic solvent.

47. (Previously presented) A cathode according to claim 46 wherein said solvent comprises ether or aromatic compound.

48. (Previously presented) A cathode according to claim 47 wherein said solvent comprises naphthalene.

49. (Previously presented) A cathode according to claim 45 wherein said cathode is sodium/naphthalene/ethylene glycol dimethyl ether.

50. (Previously presented) A cathode according to claim 49 wherein said sodium/naphthalene/ethylene glycol dimethyl ether has a weight ratio of about 25:150:50.